Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 20 Sep 2023 until 23:59 on Thursday 21 Sep 2023

Forecast Issued on Wednesday 20 Sep 2023 at 03:04

Confidence: High for a changeable, periodically wet and windy autumnal main theme. High for Saturday being the better of the weekend days weather-wise, with arriving rain detail low confidence into Sunday.

Headline for Wednesday 20 Sep 2023: Wet and windy weather gradually clearing southeast to late sunny spells and sharp showers.

Mountain weather hazards on Wednesday 20 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain showers	Light rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability					
90%	90%	60%	40%	60%	20%

Forecast for Wednesday 20 Sep 2023

Weather: Wet and windy to start the day, with gales in exposure coupled with more general prolonged heavy rain and extensive low cloud. These conditions should very gradually edge southeastwards into the afternoon, with winds easing. Sunny spells should then develop later on, with a few scattered sharp showers arriving from the west, these possibly heavy and thundery at times, before easing later in the evening.

Chance of cloud-free hill tops above 600m: 60% improving 90%.

Low Cloud and visibility: Blanket around the highest ground during the morning, with ragged patches below this on windward ground, lifting clear in the afternoon and breaking. Visibility moderate improving to very good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 20 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/45 S	29/41 S	26/36 SW	25/35 SW	21/32 SW	19/28 SW	15/22 SW
300	19/41 S	19/38 S	16/32 SW	16/32 SW	13/29 SW	10/24 SW	8/21 SW
Valley	16/38 S	16/36 SW	15/32 SW	14/30 SW	9/24 SW	6/19 SW	7/21 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/7	12/8	11/7	10/6	10/6	8/4	7/4
300	14/11	15/12	14/11	14/10	12/9	10/8	9/7
Valley	15/13	16/13	15/13	15/12	13/11	11/10	10/9
Freezing Level*	2900m	2900m	1900m	1800m	1800m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The rain and strength of the wind will mean activities will perhaps be best confined to the lower slopes during the morning. The afternoon will then see marked improvement, with care required for late blustery showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 20 Sep 2023	28.2mm	38.8mm	42.6mm

Forecast for Thursday 21 Sep 2023

Weather: A notably colder start than of late. Perhaps dry in the east at first, with a few showers affecting windward ground. Developing sunny spells and heavy or thundery showers are then expected, the showers especially on windward slopes, before generally easing later. Probably becoming more generally cloudy during the evening.

Maximum wind: Increasing southwesterly 30mph.

Chance of cloud-free hill tops above 600m: 90%.

Low Cloud and visibility: Cloud generally clear of summits. Very good visibility.

Temperature: **Valleys:** Plus 4 becoming 16 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.